

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

LINED WATERWAY OR OUTLET

CODE 468

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained lined waterway or outlet is an asset to the farm. This practice was designed and installed to provide erosion protection for the waterway or outlet. The estimated life span of this installation is at least _____ years. The life of this system can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Inspect waterways regularly, especially after heavy rains. Damaged areas should be filled, compacted, and seeded immediately. Remove sediment deposits to maintain the capacity. Re-fertilize, re-seed, and re-mulch as needed until a vegetative cover becomes well established. Repair damage to armored linings promptly.
- Restrict heavy equipment access and exclude cattle when waterway is abnormally wet. Do not use the waterway as a travel lane. Do not use as a field road. Avoid crossing with heavy equipment. Lining damaged by machinery or erosion must be repaired promptly.
- Landowners should avoid areas where forbs have been established when applying herbicides. Avoid using waterways as turn-rows during tillage and cultivation operations. Prescribed burning and mowing may be appropriate to enhance wildlife values, but must be conducted to avoid peak nesting seasons and reduced winter cover. Control noxious weeds.
- Maintain lining or outlet cross-section and gradient. Remove all foreign debris and trash that hinders system operation.
- Maintain all concrete work, rock riprap, grouted rock, flagstone or precast stone sections for accelerated weathering and displacement. Replace to original grades as necessary.
- Eradicate or otherwise remove all rodents and/or burrowing animals that have or can potentially damage any part of the system. Immediately repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular or livestock damage.

Additional Operation and Maintenance Requirements Specific to this Plan:_____

[illegible]